

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT  
APPLICATION TRANSMITTAL LETTER

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer Number **21839**

Sir:

Enclosed for filing is the utility patent application entitled:

APPARATUS AND METHOD FOR ENHANCING QUALITY OF REPRODUCED IMAGE

by the following named inventor(s):

Hye-yeon KIM, Shi-hwa LEE, Dae-sung CHO, Woo-shik KIM and Sang-jo LEE

- Applicant(s) suggests Figure 2 for inclusion on the front page of the patent application publication and patent.
- Applicant(s) requests that the published application include the following assignment information:  
SAMSUNG ELECTRONICS CO., LTD., Kyungki-do, Republic of Korea

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- Small entity status is claimed.

Also enclosed are:

DRAWINGS: 10 sheets of formal drawings      \_\_\_\_\_ sheets of informal drawings

DECLARATION:  will follow     executed, is enclosed     unexecuted, is enclosed

ASSIGNMENT:  is enclosed     will follow

033187 U.S.PTO  
10/717621  
112103



**CLAIM FOR PRIORITY UNDER 35 U.S.C. § 119 and/or 365:**  is made in the declaration  is hereby made as follows  
Country: Republic of Korea Appl. No.: 2002-84088 Filing Date: 26-12-02  
Country: Appl. No.: Filing Date:  
Country: Appl. No.: Filing Date:  
Country: Appl. No.: Filing Date:  
 certified copy(ies) enclosed  certified copy(ies) will follow

**OTHER PAPERS:**  a General Authorization for Petitions for Extensions of Time and Payment of Fees  
 an Information Disclosure Statement  
 an Application Data Sheet (ADS)  
 Preliminary Amendment

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The filing fee has been calculated as follows  and in accordance with the enclosed preliminary amendment:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fee
Basic Application Fee (1001)					\$ 770.00
Total Claims	75	MINUS 20 =	55	x \$18.00 (1202) =	\$ 990.00
Independent Claims	10	MINUS 3 =	7	x \$86.00 (1201) =	\$ 602.00
If multiple dependent claims are presented, add \$290.00 (1203)					
Total Application Fee					
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Application Fee					
Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed.					
<b>TOTAL APPLICATION FEE DUE</b>					

- This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \$ 2,402.00 is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

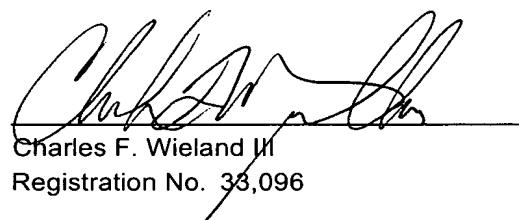
Please address all correspondence concerning this application to:

Burns, Doane, Swecker & Mathis, L.L.P.  
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P.O. Box 1404  
Alexandria, Virginia 22313-1404

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By



Charles F. Wieland III  
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Filed: November 21, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Hye-yeon KIM et al

Application No.: Unassigned

Group Art Unit: Unassigned

Examiner: Unassigned

Filing Date: November 21, 2003

Confirmation No.: Unassigned

Title: APPARATUS AND METHOD FOR ENHANCING QUALITY OF REPRODUCED IMAGE

**GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES**

Assistant Commissioner for Patents  
P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

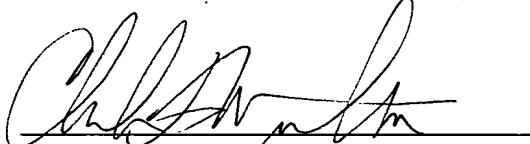
In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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